

REMARKS

This Amendment is being filed in response to the Final Office Action mailed July 24, 2008, which has been reviewed and carefully considered. By means of the present amendment, claims 6, 9 and 11 has been canceled without prejudice and the features of canceled claims 6 and 9 have been included in independent claims 1, 10 and 13. Accordingly, no new issues requiring a new search have been introduced and entry of the present Amendment is respectfully requested.

In the Final Office Action, the Examiner objected to the specification for certain informalities. In response, the specification has been amended to remove the informalities noted by the Examiner. Accordingly, withdrawal of the objection to the specification is respectfully requested.

In the Final Office Action, claims 1-12 are rejected under 35 U.S.C. §102(b) as allegedly anticipated by EP 1062914 (Lazarev). Further, claim 13 is rejected under 35 U.S.C. §103(a) as allegedly unpatentable over Lazarev in view of U.S. Patent No. 6,459,755 (Li). It is respectfully submitted that claims 1-15 are patentable.

over Lazarev and Li for at least the following reasons.

Lazarev is directed to a computerized tomography based on the object imaging with small angle scattered radiation. Lazarev shows in FIG 6, a primary radiation beam 8 that impinges on lines of a detector 3 that do not include the last line of the detector.

In stark contrast, the present invention as recited in independent claim 1, and similarly recited in independent claims 10 and 13, amongst other patentable elements recites that (illustrative emphasis provided):

wherein a primary radiation attenuated by the object of interest impinges on a first line of the plurality of detector lines; ...

wherein the first line is the last line of the radiation detector array in the direction along which the object of interest is displaced with respect to the radiation detector array.

A primary radiation that impinges on a last line of the radiation detector array is nowhere disclosed or suggested in Lazarev. This provides substantial benefits, such as increasing the scatter angle range for detecting scatter radiation by the very same detector. Li is cited to allegedly show other features and does not remedy the deficiencies in Lazarev.

Accordingly, it is respectfully submitted that independent

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claims 1, 10 and 13 should be allowable, and allowance thereof is respectfully requested. In addition, it is respectfully submitted that claims 2-5, 7-8 and 12 should also be allowed at least based on their dependence from amended independent claims 1 and 10.

In addition, Applicants deny any statement, position or averment of the Examiner that is not specifically addressed by the foregoing argument and response. Any rejections and/or points of argument not addressed would appear to be moot in view of the presented remarks. However, the Applicants reserve the right to submit further arguments in support of the above stated position, should that become necessary. No arguments are waived and none of the Examiner's statements are conceded.

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In view of the above, it is respectfully submitted that the present application is in condition for allowance, and a Notice of Allowance is earnestly solicited.

Respectfully submitted,

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